CD 100/300
Conveyor Delivery

User's Guide & Parts Catalog

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INTRODUCTION

The conveyor is a delivery unit that transports paper stock from the duplicator. This conveyor also singles the paper stock so that it can be removed without stopping the duplicator.

As the first piece of stock exits the duplicator, it is moved by the motor driven conveyor tapes under the stacker wheels. When the next piece of stock exits the duplicator it overlaps the preceding one and is moved along the conveyor. After clearing the stacker wheels the stock can be unloaded by hand.

Adjustable height of the conveyor permits its use with chute or chain equipped duplicators.

SPECIFICATIONS*

Power Requirements:	115 VAC, .7 AMP, 60 Hz.
Optional Availability:	220 VAC, .5 AMP, 50 Hz.
Fuse:	1 AMP
Speed Of Tapes:	0"-180"/min.(ADJUSTABLE)
Machine Dimensions:	Width: 12 inches
	Length: 40 inches
	Height: 22 - 32 in.
	Weight: 35 pounds

*Manufacturer reserves the right to change specifications

SAFETY PRECAUTIONS

THIS EQUIPMENT PRESENTS NO PROBLEM WHEN USED PROPERLY. HOWEVER, CERTAIN SAFETY RULES SHOULD BE OBSERVED WHEN OPERATING THE FEEDER.

READ THIS MANUAL CAREFULLY AND FOLLOW RECOMMENDED PROCEDURES.

1. Keep hands, hair, and clothing clear of rollers, tapes, and other moving parts.
2. Always turn off machine before making adjustments or cleaning the machine.
3. Disconnect power cord when making any machine adjustments or performing any maintenance not covered in this manual.

CAUTION: THIS EQUIPMENT MUST BE CONNECTED TO A PROPERLY GROUNDED OUTLET. FAILURE TO DO SO CREATES A POTENTIAL DANGER OF ELECTRICAL SHOCK.

ASSEMBLING THE CONVEYOR

ASSEMBLY TIME IS APPROXIMATELY 10-15 MINUTES. NO SPECIAL TOOLS ARE REQUIRED.

1. Remove all packaging and supplied parts.
2. Place the conveyor upside down.

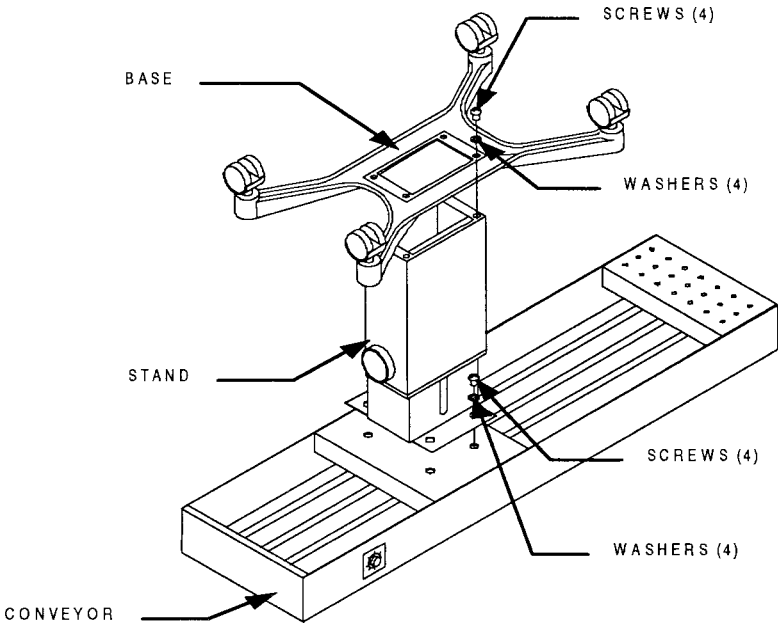


Figure 1

3. Attach the stand to the conveyor using four #10 screws and washers (Fig. 1).
4. Attach the base to the stand using four 1/4-20 screws and washers (Fig. 1).
5. Stand the conveyor on its base. Attach the receiving tray to the conveyor with the three #10 screws provided (Fig. 2).

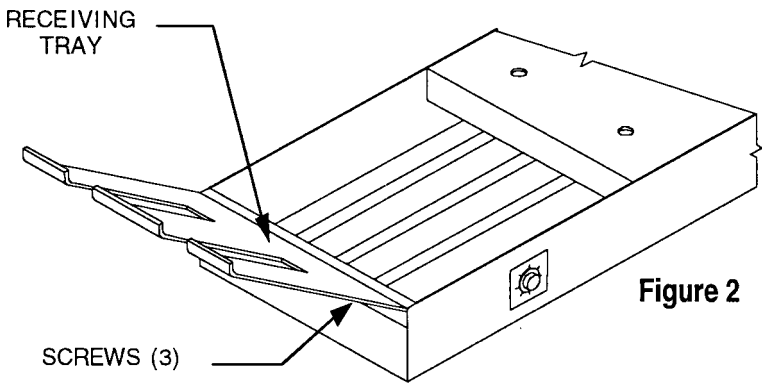


Figure 2

6. Install the stacker wheel assembly using one of three sets of holes along the length of the conveyor.

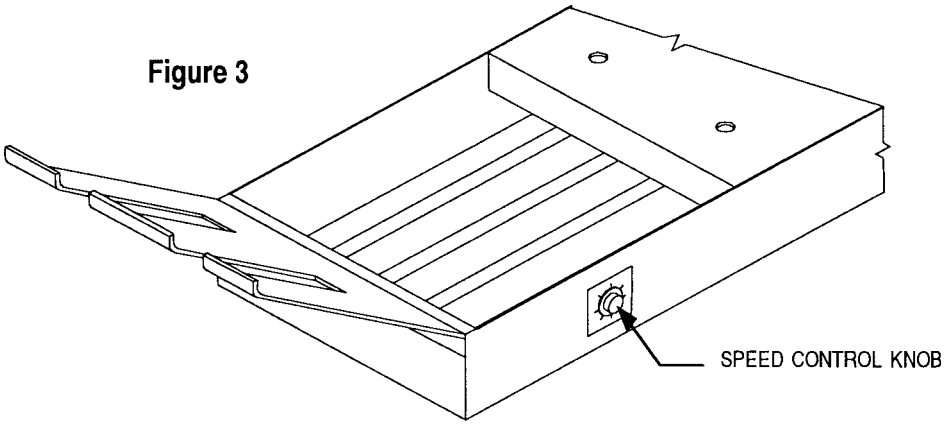
OPERATING THE CONVEYOR

1. Turn on the conveyor and the duplicator.
2. Feed stock through the duplicator and observe the way it is received by the conveyor.
3. Make necessary readjustments.

The extent of overlapping is determined by the speed of the conveyor and the duplicator. The speed of the conveyor can be adjusted using the speed control knob (Fig. 3).

The stacker wheels can also be repositioned. The clamp to which the wheels are attached serves as a fine adjustment. Squeezing the lever on the clamp releases the clamp, which allows the stacker wheel assembly to move forward or backward. If necessary, the whole stacker wheel assembly can be moved into another set of holes on the conveyor.

Figure 3

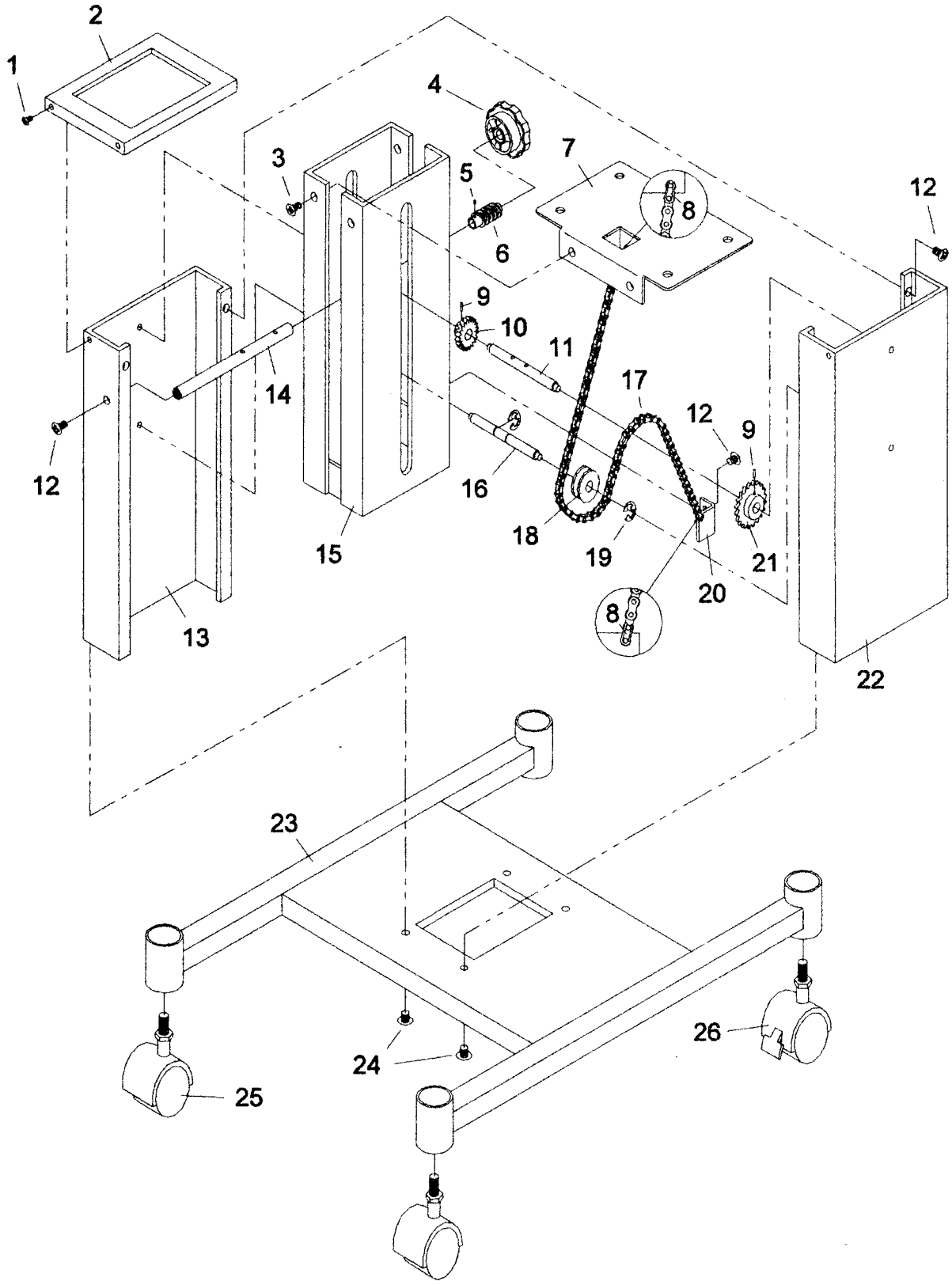


If the conveyor should fail to function, check for jammed paper between the tapes and roller. Also check the fuse and replace it if necessary. The fuse holder is located on the under side of the conveyor in the speed control box.

WARNING: DISCONNECT THE POWER CORD WHEN CHECKING OR REPLACING FUSE.

CAUTION: ALWAYS REPLACE THE FUSE WITH THE SAME TYPE. FAILURE TO DO SO MAY DAMAGE THE ELECTRONIC CIRCUIT BOARD, THUS VOIDING THE WARRANTY.

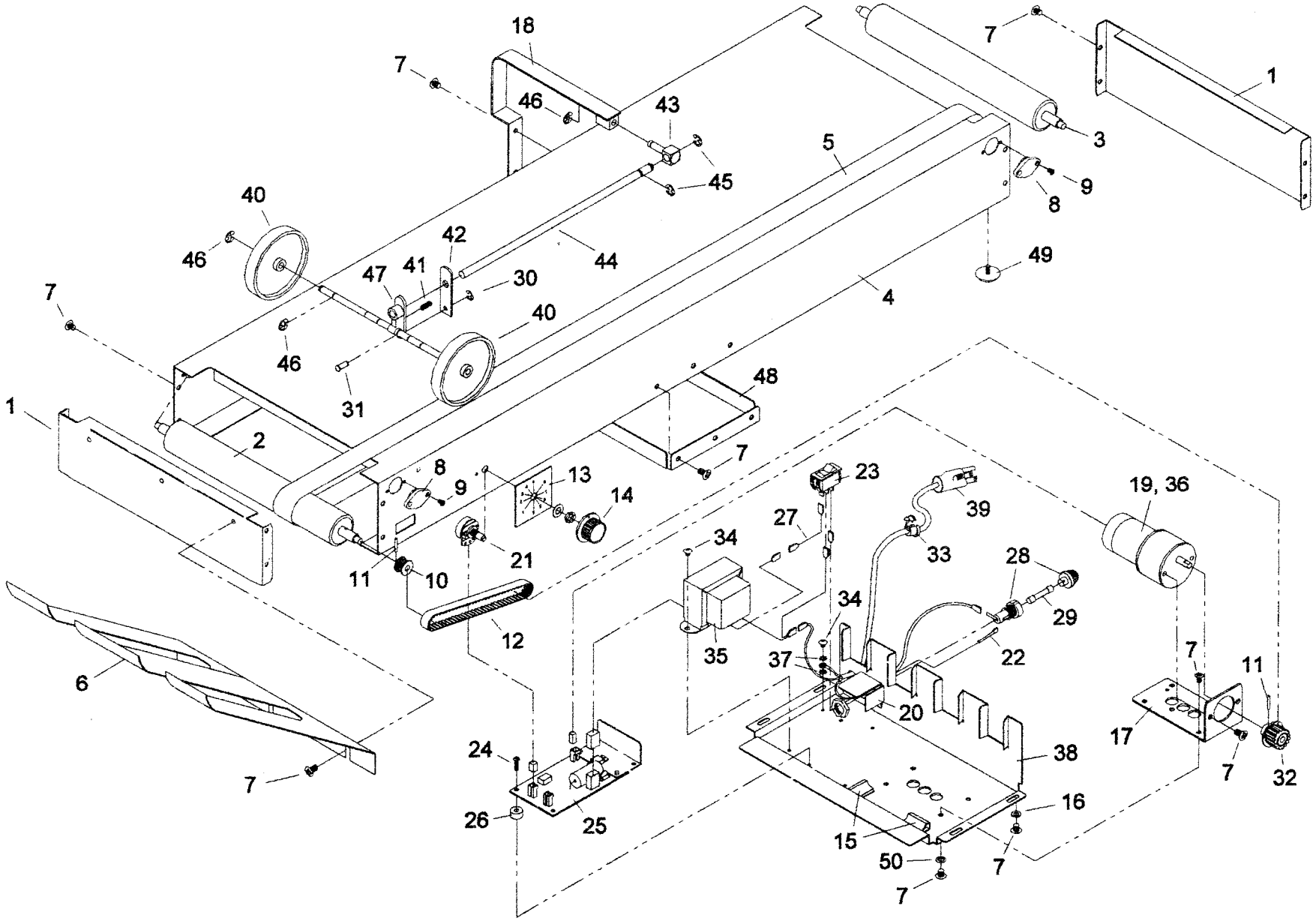
Group 1



Group 1

KEY #	PART NUMBER	DESCRIPTION
1.	123-612	SCREW, 6-32 X 1/4" PHILIPS PAN HEAD
2.	510-20	COVER, MIDDLE
3.	123-446	SCREW, 8-32 X 5/16" PHILIPS FLAT HEAD
4.	123-293	KNOB, HEIGHT ADJUSTMENT
5.	123-010	SCREW, 6-32 X 1/8" SET
6.	156-103-12	HELIX ANGLE WORM
7.	510-06	COVER, TOP
8.	123-200	LINK, CHAIN CONNECTING
9.	123-018	PIN, 1/8" X 3/4" ROLL
10.	156-103-11	GEAR, WORM 20 TEETH
11.	510-14	SHAFT, DRIVE
12.	123-017	SCREW, 10-32 X 1/4" PHILIPS TRUSS HEAD
13.	510-03	WELDMENT, PANEL BASE, L/H SIDE
14.	510-19	SHAFT
15.	510-04	WELDMENT, ELEVATOR BRACKET
16.	510-15	SHAFT, IDLER
17.	510-21	CHAIN, TRANSMISSION ROLLER
18.	510-16	ROLLER, IDLER
19.	123-080	C-CLIP
20.	510-17	BRACKET, CHAIN
21.	510-10	SPROCKET, 25B20
22.	510-02	WELDMENT, PANEL BASE, R/H SIDE
23.	510-22	WELDMENT, BASE
24.	123-024	SCREW, 10-32 X 3/8" PHILIPS TRUSS HEAD
25.	123-517	CASTER, NON-LOCKING
26.	123-521	CASTER, LOCKING

Group 2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Group 2

KEY #	PART NUMBER	DESCRIPTION
1.	CD-400-06A	BODY CLOSURE
2.	50-500-40A	DRIVE ROLLER
3.	50-500-41	IDLER ROLLER
4.	CD-400-03A	CONVEYOR BODY
5.	123-309	CONVEYOR TAPE
6.	CD-300-17A	RECEIVING TRAY
7.	123-017	SCREW, 10-32 X 1/4
8.	90-103-52	BEARING HOUSING ASSEMBLY
9.	123-275	SCREW, 6-32 X 1/4
10.	123-102	PULLEY
11.	123-036	ROLL PIN
12.	123-139	TIMING BELT, 100XLO31
13.	123-305	INDICATOR PLATE
14.	123-390	KNOB
15.	123-607	WIRE CLAMP
16.	123-237	STAR WASHER, #10
17.	CD-301-06	MOTOR BRACKET
	CD-300-06	MOTOR BRACKET (before S/N 51284)
18.	CD-300-14	BAIL WELDMENT
19.	123-913	MOTOR
	123-925	MOTOR, HIGH SPEED
	123-690	MOTOR (before S/N 51284)
20.	CD-300-32	FUSE SHIELD
21.	CD-301-20	POTENTIOMETER ASSEMBLY
	CD-300-20	POTENTIOMETER ASSEMBLY (before S/N 51284)
22.	CD-300-23	WIRE HARNESS, FUSE SWITCH
23.	123-664	POWER SWITCH
24.	123-614	SCREW, 6-32 X 1/2
25.	90-100-500	P.C. BOARD
	90-100-50	P.C. BOARD (before S/N 51284)
26.	123-299	SPACER
27.	CD-300-22	WIRE HARNESS, TRANSFORMER SWITCH
28.	123-089	FUSE HOLDER

KEY #	PART NUMBER	DESCRIPTION
29.	123-680	FUSE, 0.5A/250V (115V, 60Hz)
	123-725	FUSE, 0.25A/250V (220V, 50Hz)
30.	123-080	C-CLIP, 3/16"
31.	CD-300-61	PIN
32.	123-601	MOTOR PULLEY, 14XL
33.	123-301	STRAIN RELIEF
34.	123-612	SCREW, 6-32 X 1/4
35.	CD-301-30	TRANSFORMER (115V, 60Hz)
	CD-300-30	TRANSFORMER (115V, 60Hz, before S/N 51284)
	CD-301-40	TRANSFORMER (220V, 50Hz)
	CD-300-40	TRANSFORMER (220V, 50Hz, before S/N 51284)
36.	CD-401-18	MOTOR ASSEMBLY
	CD-401-18HS	MOTOR ASSEMBLY, HIGH SPEED
	CD-400-18	MOTOR ASSEMBLY (before S/N 51284)
37.	123-252	STAR WASHER, #6
38.	CD-401-05	ELECTRIC CABINET
	CD-400-05	ELECTRIC CABINET (before S/N 51284)
39.	CD-300-25	POWER CORD
40.	CD-300-21	STACKER WHEEL
41.	71-120-09	SPRING
42.	CD-300-59	CLAMP PLATE
43.	CD-300-13	PIVOT, STACKER WHEEL ROD
44.	CD-300-11	ROD, STACKER WHEEL
45.	123-432	C-CLIP, 5/16"
46.	123-081	C-CLIP, 1/4"
47.	50-500-56	STACKER WHEEL PIVOT ASSEMBLY
48.	CD-400-09	CENTER SUPPORT
49.	123-620	RUBBER FOOT (table-top model only)
50.	123-916	GROMMET 3/16 X 7/16